

Table S1: Strains used in this study

Strains	Genotype	Figure	Ref.
SUB62	MAT α <i>lys2-801 leu2-3, 2-112 ura3-52 his3-Δ200 trp1-1</i>	1A	²³
DY106	MAT α <i>lys2-801 leu2-3 2-112 ura3-52 his3-Δ200 trp1-1(am) rpt1K256S</i>	1A	²³
DY62	MAT α <i>lys2-801 leu2-3 2-112 ura3-52 his3-Δ200 trp1-1(am) rpt2K229R S241F</i>	1A	²³
DY93	MAT α <i>lys2-801 leu2-3 2-112 ura3-52 his3-Δ200 trp1-1(am) rpt3K219R</i>	1A	²³
DY155	MAT α <i>lys2-801 leu2-3 2-112 ura3-52 his3-Δ200 trp1-1(am) rpt5K228R</i>	1A	²³
DY100	MAT α <i>lys2-801 leu2-3 2-112 ura3-52 his3-Δ200 trp1-1(am) rpt6K195R</i>	1A	²³
LF960	MAT α <i>his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0</i>	1C, E, 2B-E, 9A-E	⁶⁰
DH461	MAT α <i>his3Δ1 leu2Δ0 lys2Δ0 tor1Δ::URA3</i>	9A	²⁹
ND93	MAT α <i>his3Δ1 lys2Δ0 ura3Δ0 sir2Δ::HIS3 fob1Δ::LEU2</i>	9E	⁶¹
LF1030	MAT α <i>his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0 gcn4Δ::KanMX</i>	9C, D	³⁰
GS1821	MAT α <i>his3Δ1 leu2Δ0 met15Δ0 ura3Δ0</i>	4A	⁶⁰
KS2	MAT α <i>his3Δ1 leu2Δ0 met15Δ0 ura3Δ0</i>	2C-E, 3, 5, 6	⁶⁰
GS1875	MAT α <i>his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0</i>	1B, D	⁶⁰
yMS153	MAT α <i>his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 rpn4Δ::KanMX</i>	1B	this study
yMS268	MAT α <i>his3Δ1 leu2Δ0 met15Δ0 ura3Δ0</i>	1B	this study
yMS485	MAT α <i>his3Δ1 leu2Δ0 met15Δ0 ubp6Δ::URA3</i>	1B	this study
yMS822	MAT α <i>his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0 rpn4Δ::HphMX</i>	1C, 2C-E, 3, 5, 6	this study
yMS831	MAT α <i>his3Δ1 leu2Δ0 met15Δ0 ura3Δ0</i>	1C, 3, 4A, B, 5, 6	⁶⁰
yMS921	MAT α <i>his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 pre9Δ::KanMX</i>	1B, 1F	⁶⁰
yMS973	MAT α <i>his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 ump1Δ::HphMX</i>	1B	this study
yMS1022	MAT α <i>his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 ire1Δ::KanMX</i>	6B	⁶⁰
yMS1148	MAT α <i>his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0 ubr2Δ::NatMX</i>	1C, 1F, 2C- E, 3, 4A, 5, 6	this study
yMS1149	MAT α <i>his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0 rpn4Δ::HphMX ubr2Δ::NatMX</i>	1C, 2C-E, 3, 4A, 5, 6	this study
yMS1184	MAT α <i>his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0 ump1Δ::HphMX</i>	1B	this study
yMS1371	MAT α <i>his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 + 25Q-CFP- pYES2</i>	8C	this study
yMS1373	MAT α <i>his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0 ubr2Δ::NatMX + 25Q-CFP-pYES2</i>	8C	this study
yMS1377	MAT α <i>his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 + 103Q-CFP- pYES2</i>	8A	this study
yMS1379	MAT α <i>his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0 ubr2Δ::NatMX + 103Q-CFP-pYES2</i>	8B	this study

yMS1408	MAT α his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0 + pRP44	7	this study
yMS1409	MAT α his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0 rpn4Δ::HphMX + pRP44	7	this study
yMS1410	MAT α his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 ubr2Δ::NatMX + pRP44	7	this study
yMS1411	MAT α his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0 rpn4Δ::HphMX ubr2Δ::NatMX + pRP44	7	this study
yMS1442	MAT α his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 yap1Δ::KanMX	4A	⁶⁰
yMS1446	MAT α his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 ubr2Δ::NatMX yap1Δ::KanMX	4A	this study
yMS1473	MAT α his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 pre9Δ::KanMX ubr2Δ::NatMX	1F	this study
BR2056	MAT α his3Δ1 leu2Δ0 lys2Δ0 ubr2Δ::URA3	9C, E	this study
BR2170	MAT α his3Δ1 lys2Δ0 ubr2Δ::URA3 fob1Δ::KanMX sir2::LEU2	9E	this study
BR2194	MAT α his3Δ1 leu2Δ0 met15Δ0 ubr2Δ::URA3	1F	this study
BR2200	MAT α his3Δ1 leu2Δ0 met15Δ0 ura3Δ0	1D, F, 4A	⁶⁰
BR2203	MAT α his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0 ubr2Δ::KanMX rpn4Δ::KanMX	1C, 2B	this study
BR2206	MAT α his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0 rpn4Δ::KanMX tom1Δ::KanMX	1E	this study
BR2264	MAT α his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0 mub1Δ::KanMX rpn4Δ::KanMX	1D, 2B	this study
BR2276	MAT α his3Δ1 leu2Δ0 lys2Δ0 gcn4Δ::KanMX ubr2Δ::URA3	9C	this study
BR2287	MAT α his3Δ1 leu2Δ0 lys2Δ0 tor1Δ::URA3 rpn4Δ::KanMX	9A	this study
BR2296	MAT α his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0 gcn4Δ::KanMX mub1Δ::KanMX	9D	this study
BR2306	MAT α his3Δ1 lys2Δ0 ura3Δ0 mub1Δ::LEU2	1D	this study
BR2307	MAT α his3Δ1 lys2Δ0 ura3Δ0 mub1Δ::LEU2	1D	this study
BR2308	MAT α his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 mub1::LEU2	4A	this study
BR2309	MAT α his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 mub1::LEU2	4A	this study
BR2322	MAT α his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0 rpn4Δ::KanMX	1C, D, 2B, 9B	⁶⁰
BR2324	MAT α his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0 tom1Δ::KanMX	1E	⁶⁰
BR2325	MAT α his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0 mub1Δ::KanMX	1D, 2B-E, 3, 5, 6, 9D	⁶⁰
BR2326	MAT α his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 mub1Δ::KanMX	4A	⁶⁰
BR2327	MAT α his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0 ubr2::KanMX	2B,	⁶⁰
BR2403	MAT α his3Δ1 leu2Δ0 ura3Δ0 ubr2Δ::KanMX yap1Δ::KanMX	4A	this study
BR2415	MAT α his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 mub1Δ::KanMX yap1Δ::KanMX	4A	this study